

CertainTeed WeatherBoards™ FiberCement Siding and Trim

FiberCement Siding

General Description: WeatherBoards™ FiberCement siding is available in different products providing both traditional and contemporary aesthetics. It is suitable for residential and light commercial applications. These products offer a high degree of dimensional stability and impact resistance.

Styles:

Shapes	Lap	Vertical	Trim
Perfection Shingles	Textured Dutchlap	Stucco	Cedar
Random Square Straight Edge	Textured Beaded Lap	Smooth	
Random Square Staggered Edge	Smooth Beaded Lap	Cedar/no groove	
Half-Rounds	Smooth Lap	Cedar/8" grooved	
Octagons	Cedar Lap		

Finishes: CertainTeed’s exclusive FiberTect® Sealing System ready for field top coating with high quality, acrylic latex paint or stains. Factory prefinishing available with paint or stain. CertainTeed WeatherBoards FiberCement Siding must be allowed to breathe; therefore, it must never be primed, painted or stained on the back side.

Surface Patterns: Smooth, redwood grain, cedar-textured grain, stucco texture, vertical grain

Sizes: Shapes – 8¼" x 12' (209mm x 3657mm), 12" x 48" (305mm x 1219mm), 16" x 48" (406mm x 1219mm)
 Lap Siding – 5¼" (133mm), 6¼" (159mm), 7¼" (185mm), 7½" (191mm), 8¼" (210mm), 9¼" (235mm), 12" (305mm) x 12' (3657mm) length
 Vertical – 4'x8' (1219mm x 2438mm), 4'x9' (1219mm x 2743mm), 4'x10' (1219mm x 3048mm)
 Trim – (7/16" thick) – 3½" (89mm), 5½" (140mm), 7¼" (185mm), 9¼" (235mm), 11¼" (286mm) x 12' (3657mm) length

Composition: The products are manufactured using a multi-step high-pressure process combining Portland cement, sand, wood fiber and specialty additives. Wood grains and other architectural features are pressed into the surface.

Technical Data: CertainTeed WeatherBoards™ FiberCement siding was tested in accordance with the American Society for Testing & Materials (ASTM) standards of the following specifications:

ASTM C1185-96	Sampling and Testing Non-Asbestos Fiber-Cement Flat Sheet, Roofing and Siding Shingles, and Clapboards
ASTM E72-95	Conducting Strength Tests of Panels for Building Construction
ASTM E84	Surface Burning Characteristics of Building Materials
ASTM E119-95a	Fire Tests of Building Construction and Materials
ASTM E136	Non-Combustible
ASTM E330-96	Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference
ASTM G26-95	Operating Light-Exposure Apparatus (Xenon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials

Approvals: ICC ESR-1668
 Texas Dept. of Insurance Product Evaluation EC-16

Weather and Other Considerations: Product offers resistance to freeze/thaw cycles and is highly dimensionally stable. It is resistant to damaging ultraviolet (UV) rays and salt spray. It is immune to wood-boring insects. Product can resist high wind forces when installed in accordance with CertainTeed application instructions; see instructions for details.

Fire Resistance Characteristics: CertainTeed WeatherBoards™ FiberCement siding products have a Class 1(A) Fire Rating, Flame Spread - 0, Smoke developed - 5, per ASTM E84.

Installation: Preparatory Work – CertainTeed WeatherBoards™ FiberCement siding products are cut and installed like conventional wood siding. Handle and store product according to CertainTeed recommendations. WeatherBoards™ FiberCement siding may be applied over sheathed walls or directly to studs spaced up to 24" (610mm) o.c. where local codes permit. When applying direct to wood or metal studs, a continuous weather resistant barrier, not a vapor retarder, must be applied. A vapor barrier, permeability of 1 perm (57.5 ng/(Pa·s·m²) or less, should be used in the wall when required and as described in the ASHRAE design manual. Consult a qualified mechanical engineer or other design professional.

Note: CertainTeed WeatherBoards™ FiberCement siding must be installed with the textured or smooth finished exterior surface facing out.

Methods – Complete installation recommendations are available from the manufacturer. Pneumatic nailing is recommended for attachment to wood framing. Use double hot-dipped galvanized or stainless steel nails. Do not use staples. For steel framing application use corrosion resistant bugle head screws. Vertical joints on Prefinished FiberTect®-Sealed lap siding should be moderately butted. Unfinished or unsealed joints must be gapped 1/8" maximum and caulked. Follow caulk manufacturer's application instructions. Use drip cap flashing above all openings.

Precautions – Avoid breathing dust created by drilling, cutting, sawing, sanding, or otherwise abrading the material. Use with adequate ventilation and a dust collection system; see MSDS for additional dust precautions. Use of plastic foam insulation may call for special installation attention. FiberTect®-Sealed siding must be painted within 24 months of application.

Building Codes – Current data on building code requirements and product compliance may be obtained from CertainTeed. Installation must comply with the requirements of all applicable local, state and national code jurisdictions.

Warranty: CertainTeed offers a prorated warranty to the original purchaser and the first transferee for a period of 50 years from the date of purchase. The warranty includes SureStart™ Protection for the original purchaser only for a period of 2 years following the date of installation. Under SureStart, CertainTeed, at no charge, will pay to repair or replace any FiberCement siding proven to be defective during the 2-year SureStart period. CertainTeed warrants that the product will be free from manufacturing defects and will not crack, rot or delaminate and will not suffer damage from termites when stored, installed and maintained according to CertainTeed printed instructions. See warranties for details and limitations.

Technical Services: CertainTeed maintains an Architectural Services staff to assist building professionals with questions regarding CertainTeed siding products. Call (800) 233-8990 for samples and answers to technical or installation questions.